

Complexity

FIG. 1

Complexity

FIG. 2

1. G. Nicolis and L. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-566, 1989.
3. S. Haykin and S. Puthusserypady, "Ultimate dynamics of sea clutter," *IEE Proc.*, Vol. 145, No. 4, pp. 777-802, December 1997.
4. E. Goldstein, "Sea echo in propagation of short radio waves," in D.K. Kerr, editor, *MIL Radiation Laboratory Series, Vol. 13, Section 6.6*, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 3

1. G. Nicolis and L. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-566, 1989.
3. S. Haykin and S. Puthusserypady, "Ultimate dynamics of sea clutter," *IEE Proc.*, Vol. 145, No. 4, pp. 777-802, December 1997.
4. E. Goldstein, "Sea echo in propagation of short radio waves," in D.K. Kerr, editor, *MIL Radiation Laboratory Series, Vol. 13, Section 6.6*, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 4

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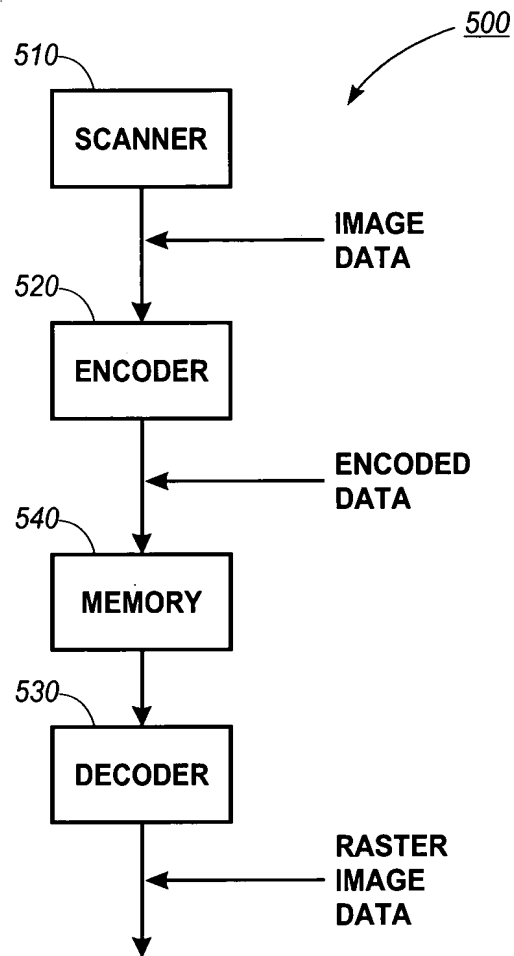


FIG. 5

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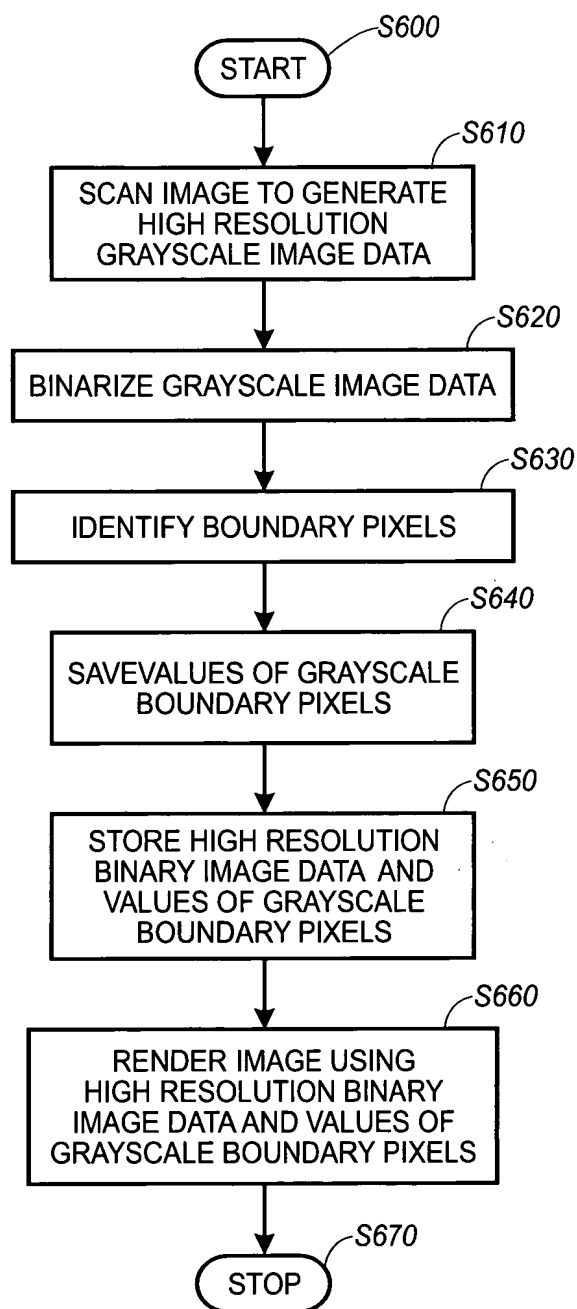


FIG. 6

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FIG. 7

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FIG. 8

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FIG. 9

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FIG. 10

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FIG. 11

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FIG. 12

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FIG. 13

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-350, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOs*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," In D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 14

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-350, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOs*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," In D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 15

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-350, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOs*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," In D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

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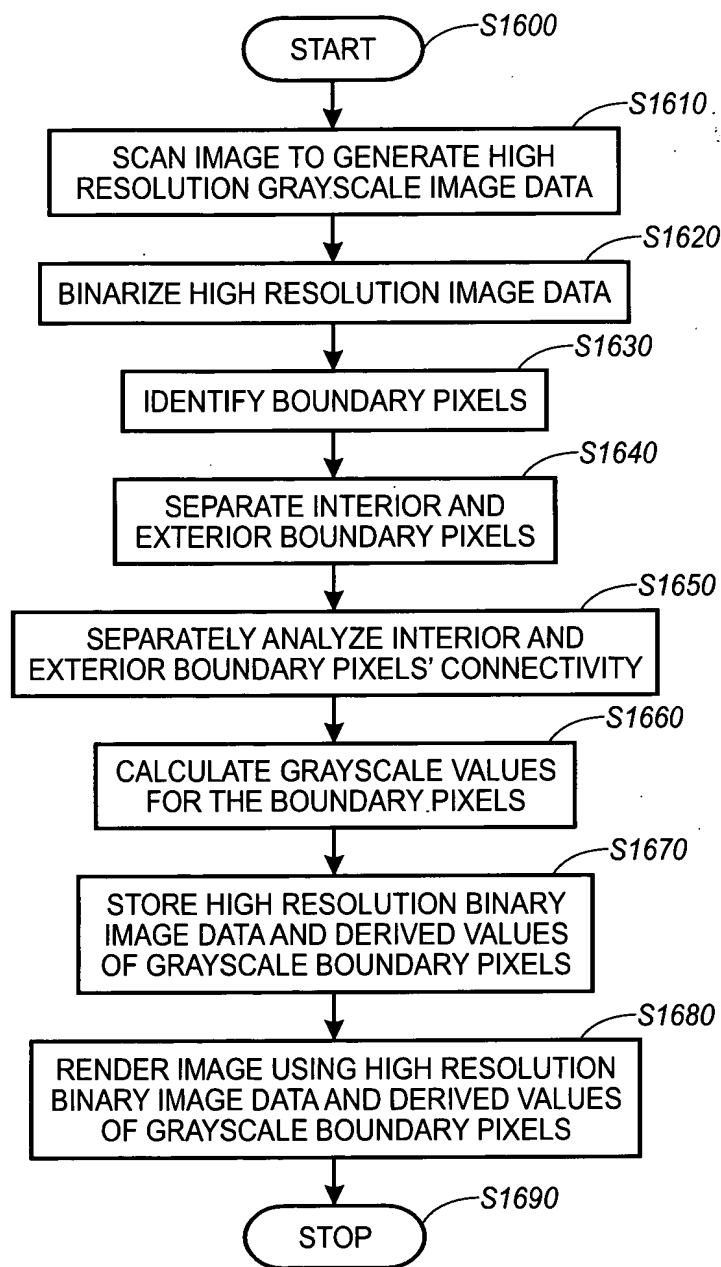


FIG. 16

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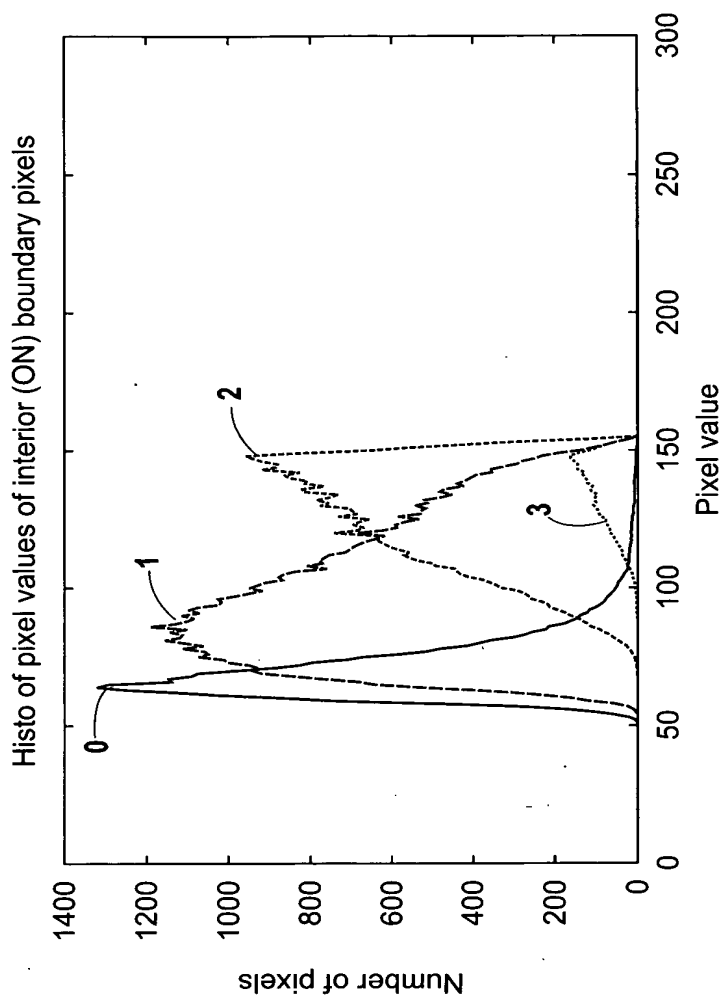


FIG. 17

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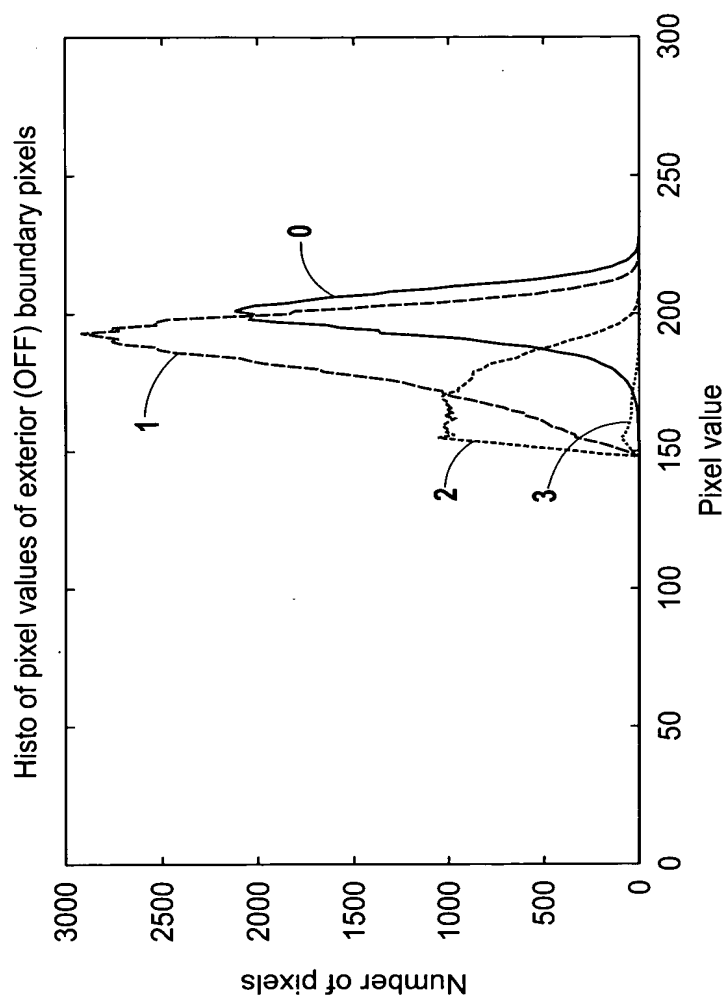


FIG. 18

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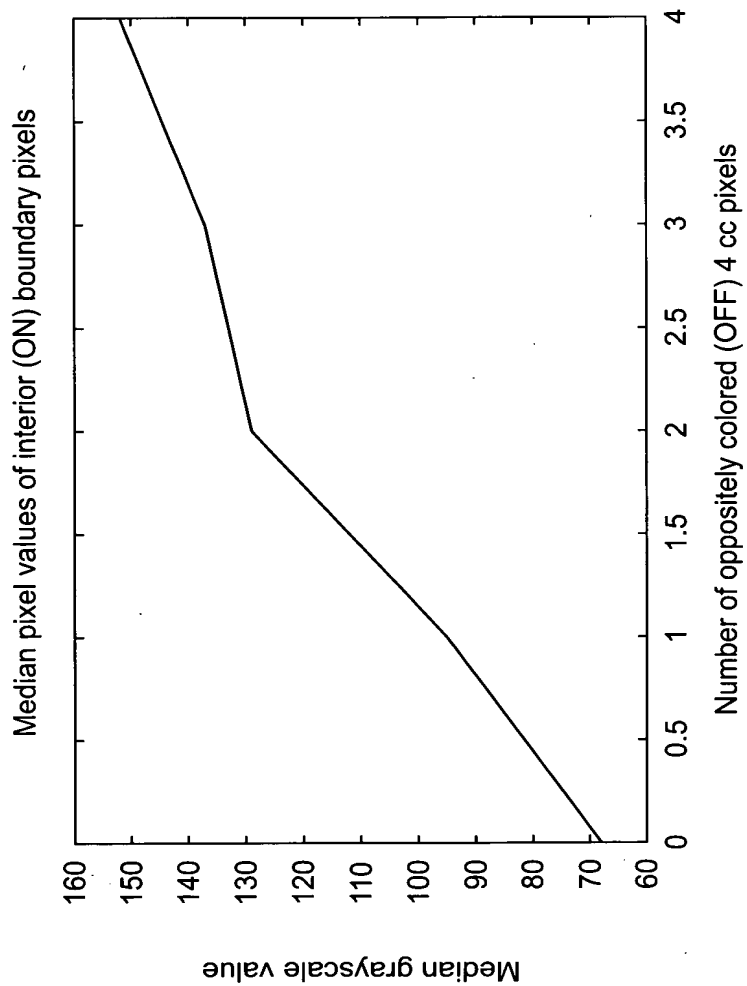


FIG. 19

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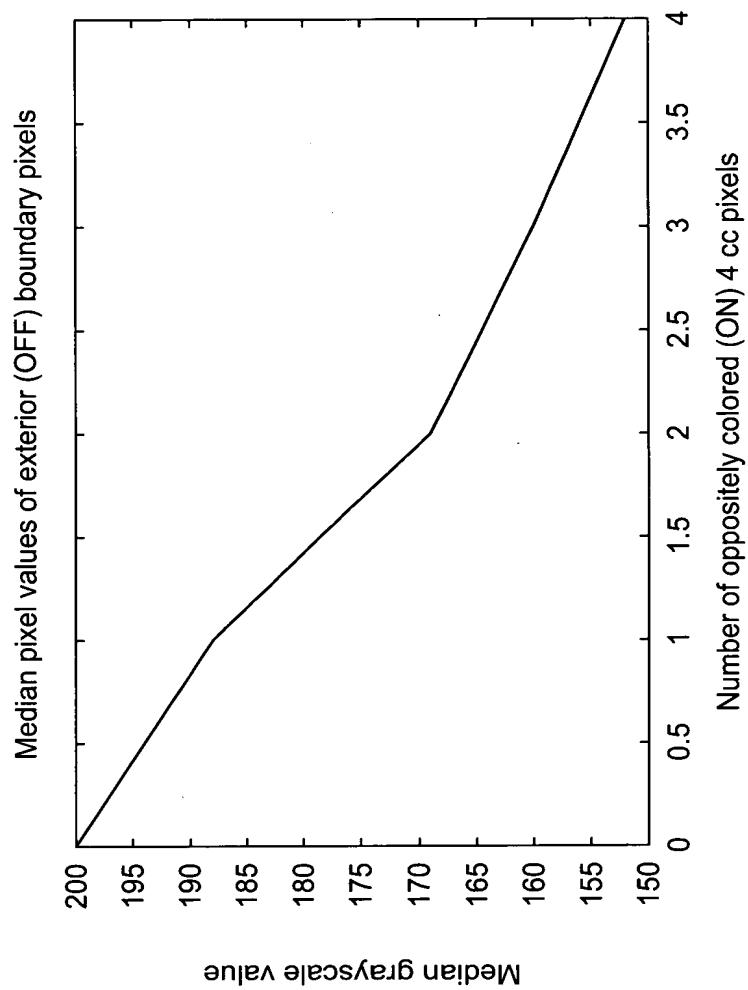


FIG. 20

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FIG. 21

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-566, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Scattering propagation of short radio waves," In D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 22

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FIG. 23

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-566, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Scattering propagation of short radio waves," In D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 24

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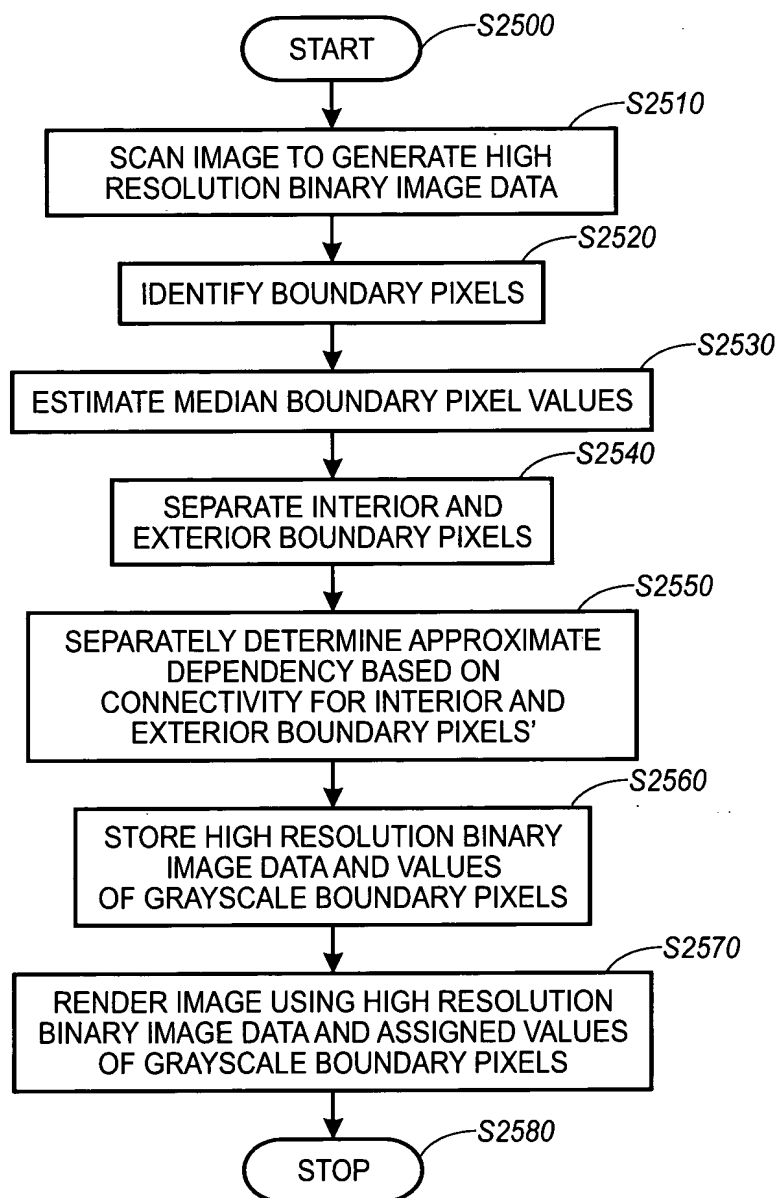


FIG. 25

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FIG. 26

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 355-356, 1989.
3. S. Haykin and S. Parmuzian, "Climate dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. E. Goldstein, "Sea echo in propagation of short radio waves," in D.B. Kerr, editor, *MIT Radiation Laboratory Series*, Vol. 13, Section 6.6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 27

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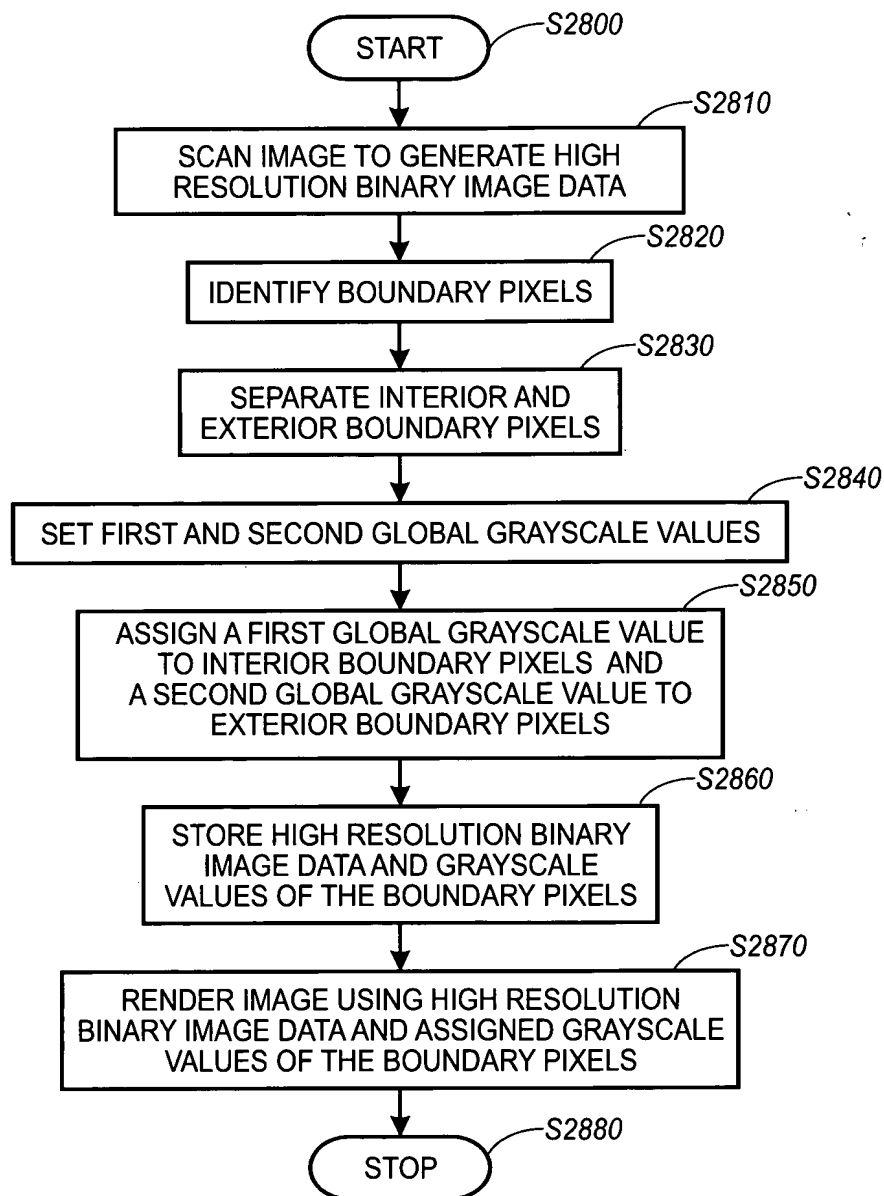


FIG. 28

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FIG. 29

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 235-256, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOs*, Vol. 7, No. 8, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 30

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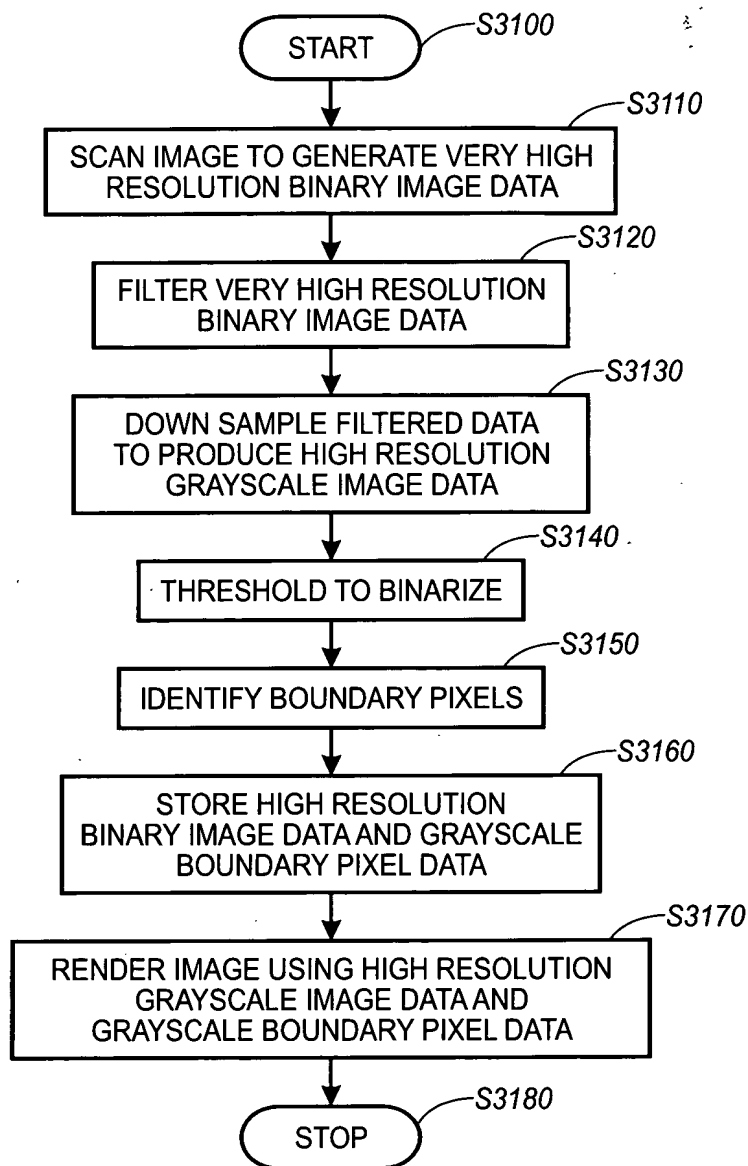


FIG. 31

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Complexity

FIG. 32

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Science* 255, pp. 305-308, 1992.
3. S. Haykin and S. Puthussery, eds., "Chaotic dynamics of sea clutter," *IEE Proc.* Vol. 141, No. 6, pp. 777-800, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," In D.B. Kerr, editor, *MIL Radiation Laboratory Series*, Vol. 13, Section 6.6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIG. 33